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IEEE JNL IEEE Journal or Magazine

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Stone, C.D.; Smith, M.F.; Greer, K.L.; Jaszczak, R.J.;
[Nuclear Science, IEEE Transactions on](#)
Volume 45, Issue 3, Part 2, June 1998 Page(s):1219 - 1224
Digital Object Identifier 10.1109/23.682006
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- ☐ 2. **A combined half-cone beam and parallel hole collimation system for SPE imaging**
Stone, C.D.; Smith, M.F.; Greer, K.L.; Jaszczak, R.J.;
[Nuclear Science Symposium, 1997, IEEE](#)
Volume 2, 9-15 Nov. 1997 Page(s):1313 - 1317 vol.2
Digital Object Identifier 10.1109/NSSMIC.1997.670563
[AbstractPlus](#) | Full Text: [PDF](#)(480 KB) IEEE CNF
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- ☐ 3. **Analytical inversion formula for attenuated fan-beam projections**
Weng, Y.; Zeng, G.L.; Gullberg, G.T.;
[Nuclear Science Symposium and Medical Imaging Conference Record, 1995,](#)
Volume 2, 21-28 Oct. 1995 Page(s):1282 - 1286 vol.2
Digital Object Identifier 10.1109/NSSMIC.1995.510493
[AbstractPlus](#) | Full Text: [PDF](#)(448 KB) IEEE CNF
[Rights and Permissions](#)
- ☐ 4. **Cross-Section Reconstruction with a Fan-Beam Scanning Geometry**
Wang, L.;
[Computers, IEEE Transactions on](#)
Volume C-26, Issue 3, Mar 1977 Page(s):264 - 268
[AbstractPlus](#) | Full Text: [PDF](#)(2944 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 5. **True three-dimensional cone-beam reconstruction (TCR) algorithm**
Lee, S.Z.; Ra, J.B.; Hilal, S.K.; Cho, Z.H.;
[Medical Imaging, IEEE Transactions on](#)
Volume 8, Issue 4, Dec. 1989 Page(s):304 - 312
Digital Object Identifier 10.1109/42.41483

[AbstractPlus](#) | Full Text: [PDF\(632 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- ☐ 6. **Analytical inversion formula for uniformly attenuated fan-beam projection**
 Yi Weng; Zeng, G.L.; Gullberg, G.T.;
[Nuclear Science, IEEE Transactions on](#)
 Volume 44, Issue 2, April 1997 Page(s):243 - 249
 Digital Object Identifier 10.1109/23.568816
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(272 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 7. **An analytical inversion of the nonuniformly attenuated Radon transform of focal-length fan-beam collimators**
 Junhai Wen; Tianfang Li; Zhengrong Liang;
[Nuclear Science, IEEE Transactions on](#)
 Volume 50, Issue 5, Part 2, Oct. 2003 Page(s):1541 - 1549
 Digital Object Identifier 10.1109/TNS.2003.817315
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(747 KB\)](#) IEEE JNL
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- ☐ 8. **A rebinning-type backprojection-filtration algorithm for region of interest in fan-beam CT with improved noise properties**
 Lifeng Yu; Dan Xia; Yu Zou; Sidky, E.Y.; Xiaochuan Pan; Pelizzari, C.A.;
[Nuclear Science Symposium Conference Record, 2005 IEEE](#)
 Volume 5, 23-29 Oct. 2005 Page(s):2700 - 2703
 Digital Object Identifier 10.1109/NSSMIC.2005.1596893
[AbstractPlus](#) | Full Text: [PDF\(266 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 9. **Fourier-based forward and back-projectors in iterative fan-beam tomographic reconstruction**
 Yingying Zhang; Fessler, J.A.;
[Biomedical Imaging: Macro to Nano, 2004. IEEE International Symposium on](#)
 15-18 April 2004 Page(s):364 - 367 Vol. 1
 Digital Object Identifier 10.1109/ISBI.2004.1398550
[AbstractPlus](#) | Full Text: [PDF\(485 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 10. **Combined fan/parallel beam reconstruction in cardiac SPECT imaging**
 Narayanan, M.V.; King, M.A.; Byrne, C.L.;
[Nuclear Science Symposium, 1999. Conference Record, 1999 IEEE](#)
 Volume 3, 24-30 Oct. 1999 Page(s):1142 - 1146 vol.3
 Digital Object Identifier 10.1109/NSSMIC.1999.842762
[AbstractPlus](#) | Full Text: [PDF\(492 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 11. **Data consistency based translational motion artifact reduction in fan-beam CT**
 Hengyong Yu; Yuchuan Wei; Jiang Hsieh; Ge Wang;
[Medical Imaging, IEEE Transactions on](#)
 Volume 25, Issue 6, June 2006 Page(s):792 - 803
 Digital Object Identifier 10.1109/TMI.2006.875424
[AbstractPlus](#) | Full Text: [PDF\(3656 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 12. **Fourier-based forward and back-projectors in iterative fan-beam tomographic reconstruction**
 O'Connor, Y.Z.; Fessler, J.A.;
[Medical Imaging, IEEE Transactions on](#)
 Volume 25, Issue 5, May 2006 Page(s):582 - 589

Digital Object Identifier 10.1109/TMI.2006.872139

[AbstractPlus](#) | Full Text: [PDF\(736 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

- ☐ **13. An efficient reconstruction method for nonuniform attenuation compens: nonparallel beam geometries based on Novikov's explicit inversion form**
Tianfang Li; Jiangsheng You; Junhai Wen; Zhengrong Liang;
[Medical Imaging, IEEE Transactions on](#)
Volume 24, Issue 10, Oct. 2005 Page(s):1357 - 1368
Digital Object Identifier 10.1109/TMI.2005.857026
[AbstractPlus](#) | Full Text: [PDF\(2208 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)
- ☐ **14. Image reconstruction techniques in tomographic imaging systems**
Soumekh, M.;
[Acoustics, Speech, and Signal Processing \[see also IEEE Transactions on Sig](#)
[IEEE Transactions on](#)
Volume 34, Issue 4, Aug 1986 Page(s):952 - 962
[AbstractPlus](#) | Full Text: [PDF\(1712 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)
- ☐ **15. One-step image reconstruction from incomplete data in computer tomog**
Hui Peng; Stark, H.;
[Medical Imaging, IEEE Transactions on](#)
Volume 8, Issue 1, March 1989 Page(s):16 - 31
Digital Object Identifier 10.1109/42.20358
[AbstractPlus](#) | Full Text: [PDF\(1032 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)
- ☐ **16. A study of reconstruction artifacts in cone beam tomography using filter backprojection and iterative EM algorithms**
Zeng, G.L.; Gullberg, G.T.;
[Nuclear Science, IEEE Transactions on](#)
Volume 37, Issue 2, Part 2, April 1990 Page(s):759 - 767
Digital Object Identifier 10.1109/23.106711
[AbstractPlus](#) | Full Text: [PDF\(968 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)
- ☐ **17. High spatial resolution reconstruction technique for SPECT using a fan-t**
Ichihara, T.; Nambu, K.; Motomura, N.;
[Nuclear Science, IEEE Transactions on](#)
Volume 40, Issue 4, Part 1-2, Aug 1993 Page(s):1149 - 1157
Digital Object Identifier 10.1109/23.256727
[AbstractPlus](#) | Full Text: [PDF\(980 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)
- ☐ **18. A reconstruction algorithm for helical cone-beam SPECT**
Weng, Y.; Zeng, G.L.; Gullberg, G.T.;
[Nuclear Science, IEEE Transactions on](#)
Volume 40, Issue 4, Part 1-2, Aug 1993 Page(s):1092 - 1101
Digital Object Identifier 10.1109/23.256718
[AbstractPlus](#) | Full Text: [PDF\(752 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)
- ☐ **19. Pixel-based reconstruction (PBR) promising simultaneous techniques fo reconstructions**
Fager, R.S.; Peddanarappagari, K.V.; Kumar, G.N.;
[Medical Imaging, IEEE Transactions on](#)
Volume 12, Issue 1, March 1993 Page(s):4 - 9

Digital Object Identifier 10.1109/42.222660

[AbstractPlus](#) | Full Text: [PDF\(568 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

☐ **20. SPECT reconstruction of combined cone beam and parallel hole collimat experimental data**

Li, J.; Jaszczak, R.J.; Turkington, T.G.; Greer, K.L.; Coleman, R.E.;
[Nuclear Science, IEEE Transactions on](#)
Volume 40, Issue 3, June 1993 Page(s):300 - 306
Digital Object Identifier 10.1109/23.221055

[AbstractPlus](#) | Full Text: [PDF\(536 KB\)](#) [IEEE JNL](#)
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☐ **21. An image processing IC for backprojection and spatial histogramming in array**

Agi, I.; Hurst, P.J.; Current, K.W.;
[Solid-State Circuits, IEEE Journal of](#)
Volume 28, Issue 3, March 1993 Page(s):210 - 221
Digital Object Identifier 10.1109/4.209987

[AbstractPlus](#) | Full Text: [PDF\(1024 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

☐ **22. Reduction of truncation artifacts in fan beam transmission by using para emission data**

Tin-Su Pan; King, M.A.; Penney, B.C.; Rajeevan, N.; Der-Shan Luo; Case, J.A
[Nuclear Science, IEEE Transactions on](#)
Volume 42, Issue 4, Part 1-2, Aug 1995 Page(s):1310 - 1320
Digital Object Identifier 10.1109/23.467864

[AbstractPlus](#) | Full Text: [PDF\(1240 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

☐ **23. Reduction of distortion in spiral CT by tilted fan beam data acquisition**

Ogawa, K.; Yamada, Y.; Uno, T.;
[Nuclear Science, IEEE Transactions on](#)
Volume 44, Issue 3, Part 2, June 1997 Page(s):1231 - 1236
Digital Object Identifier 10.1109/23.596993

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(500 KB\)](#) [IEEE JNL](#)
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☐ **24. Ultrasound tomography system used for monitoring bubbly gas/liquid tw**

Li-Jun Xu; Ling-An Xu;
[Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on](#)
Volume 44, Issue 1, Jan. 1997 Page(s):67 - 76
Digital Object Identifier 10.1109/58.585193

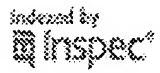
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[Rights and Permissions](#)

☐ **25. X-ray computed tomography for medical imaging**

Hiriyannaiah, H.P.;
[Signal Processing Magazine, IEEE](#)
Volume 14, Issue 2, March 1997 Page(s):42 - 59
Digital Object Identifier 10.1109/79.581370

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